

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SPACE-EFFICIENT, SIDE-CHANNEL ATTACK RESISTANT TABLE LOOKUPS

the specification of which (check one)

JAN 15 2002

 is attached hereto. was filed on August 31, 2001 as United States Application Number 09/943,720.

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below.

<u>60/312204</u>	<u>August 14, 2001</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

<u>(Application Number)</u>	<u>(Filing Date)</u>
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I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status)</u> (patented, pending, abandoned)
<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status)</u> (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Manny W. Schecter (Reg. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Stanley B. Green (Reg. 24,351), Richard M. Ludwin (Reg. 33,010), Marc A. Erlich (Reg. 39,966), Douglas W. Cameron (Reg. 31,596), Louis P. Herzberg (Reg. 41,500), Marian Underweiser (Reg. 46,134), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Robert P. Tassinari, Jr. (Reg. 36,030), Paul J. Otterstedt (Reg. 37,411), Derek S. Jennings (Reg. 41,473) and Timothy M. Farrell (Reg. 37,321).

Send Correspondence to: Louis P. Herzberg, Intellectual Property Law Dept.IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598Direct Telephone Calls to: (name and telephone number) Louis P. Herzberg (914) 945-2947Suresh N. Chari

Full name of sole or first inventor

Suresh ChariOct 8, 2001

Inventor's Signature

Date

82 Riverview Avenue, Tarrytown, NY 10591

Residence

India

Citizenship

Same as above.

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONJosyula R. Rao

Full name of second joint-inventor, if any

J. Rao
Inventor's signature10/8/01
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ResidenceIndia

Citizenship

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Post Office Address

Pankaj Rohatgi

Full name of third joint-inventor, if any

P. Rohatgi
Inventor's signature10/8/01

Date

703 Pelham Road, #404, New Rochelle, NY 10805
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Citizenship

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Post Office Address

Helmut Scherzer

Full name of fourth joint-inventor, if any

Helmut Scherzer
Inventor's Signature10/21/01

Date

Pfalzhausenweg 6/1, D-72070 Tuebingen, Federal Republic of Germany
ResidenceGermany

Citizenship

Same as above.

Post Office Address

Full name of fifth joint inventor, if any

Inventor's Signature

Date

Residence

Citizenship

Same as above.

Post Office Address

Full name of sixth joint-inventor, if any

Inventor's signature

Date

Residence

Citizenship

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Post Office Address

S-#

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Prior Foreign Application(s)	Priority Claimed		
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
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IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598

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Suresh N. Chari

Full name of sole or first inventor

Suresh Chari

Inventor's Signature

Oct 8, 2001

Date

82 Riverview Avenue, Tarrytown, NY 10591

Residence

India

Citizenship

Same as above.

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONJosyula R. RaoFull name of second joint-inventor, if any*J. Rao*
Inventor's signature10/5/01
Date161 Orchard Road, #1N, Briarcliff Manor, NY 10510ResidenceIndiaCitizenshipSame as above.Post Office AddressPankaj RohatgiFull name of third joint-inventor, if any*Pankaj Rohatgi*
Inventor's signature10/6/01
Date703 Pelham Road, #404, New Rochelle, NY 10805ResidenceIndiaCitizenshipSame as above.Post Office AddressHelmut ScherzerFull name of fourth joint-inventor, if anyInventor's SignatureDatePfalzhausenweg 6/1, D-72070 Tuebingen, Federal Republic of GermanyResidenceGermanyCitizenshipSame as above.Post Office AddressFull name of fifth joint inventor, if anyInventor's SignatureDateResidenceCitizenshipSame as above.Post Office AddressFull name of sixth joint-inventor, if anyInventor's signatureDateResidenceCitizenshipSame as above.Post Office Address